



STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DIVISION
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

*The New Mexico
DRUG FIGHT
It's a War of Wits*

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 4/11/95

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: Proposed MC _____
Proposed NSL _____
Proposed WFX _____
Proposed NSP _____

Proposed DHC _____
Proposed SWD _____
Proposed PMX _____
Proposed DD _____

Surface Commingles

Gentlemen:

I have examined the application received on 3/9/95

for the *Omura*
OPERATOR LEASE & WELL NO.

5 - 29 - 9 and my recommendations are as follows:
UL-S-T-R

Approve *Archuleta GCA #1*
Archuleta 5-29-9 GCA #3

Yours truly,

JSZ



March 2, 1995

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

Southern

Rockies

Business

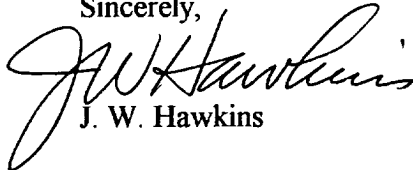
Unit

Application for Exception to Rule 303-A; Surface Commingling
Archuleta GC A #1 Well; 1510' FSL, 1510' FWL, Section 5-T29N-R9W
Blanco Mesaverde Pool
Archuleta GC A #3 Well; 1450' FSL, 1610' FWL, Section 5-T29N-R9W
Basin Dakota Pool
San Juan County, New Mexico

Amoco Production Company hereby requests administrative approval to surface commingle production from the Archuleta GC A #1 well completed in the Blanco Mesaverde Pool, and the Archuleta GC A #3 well completed in the Basin Dakota Pool. The two wells are located approximately 150 feet apart and could easily share common facilities. Both wells are located on a common lease and the ownership (WI, RI ORRI) of these pools is identical. Surface commingling will offer an economical method of production using a single train of production equipment to produce from both wells. The actual commercial value of the commingled production will not be less than the sum of the values of the production from each of the common sources of supply.

The Archuleta GC A #1 Well (Mesaverde) is currently producing about 90 mcf/d. The Archuleta GC A #3 well (Dakota) has declined to about 60 mcf/d. Based on this we propose to allocate production 60% to the Archuleta GC A #1 (Mesaverde) and 40% to the Archuleta GC A #3 (Dakota). Attached to aid in your review are plats showing the location and acreage dedicated to the wells, historical production and recent testing curves, and a schematic of the proposed commingling installation.

Sincerely,


J. W. Hawkins

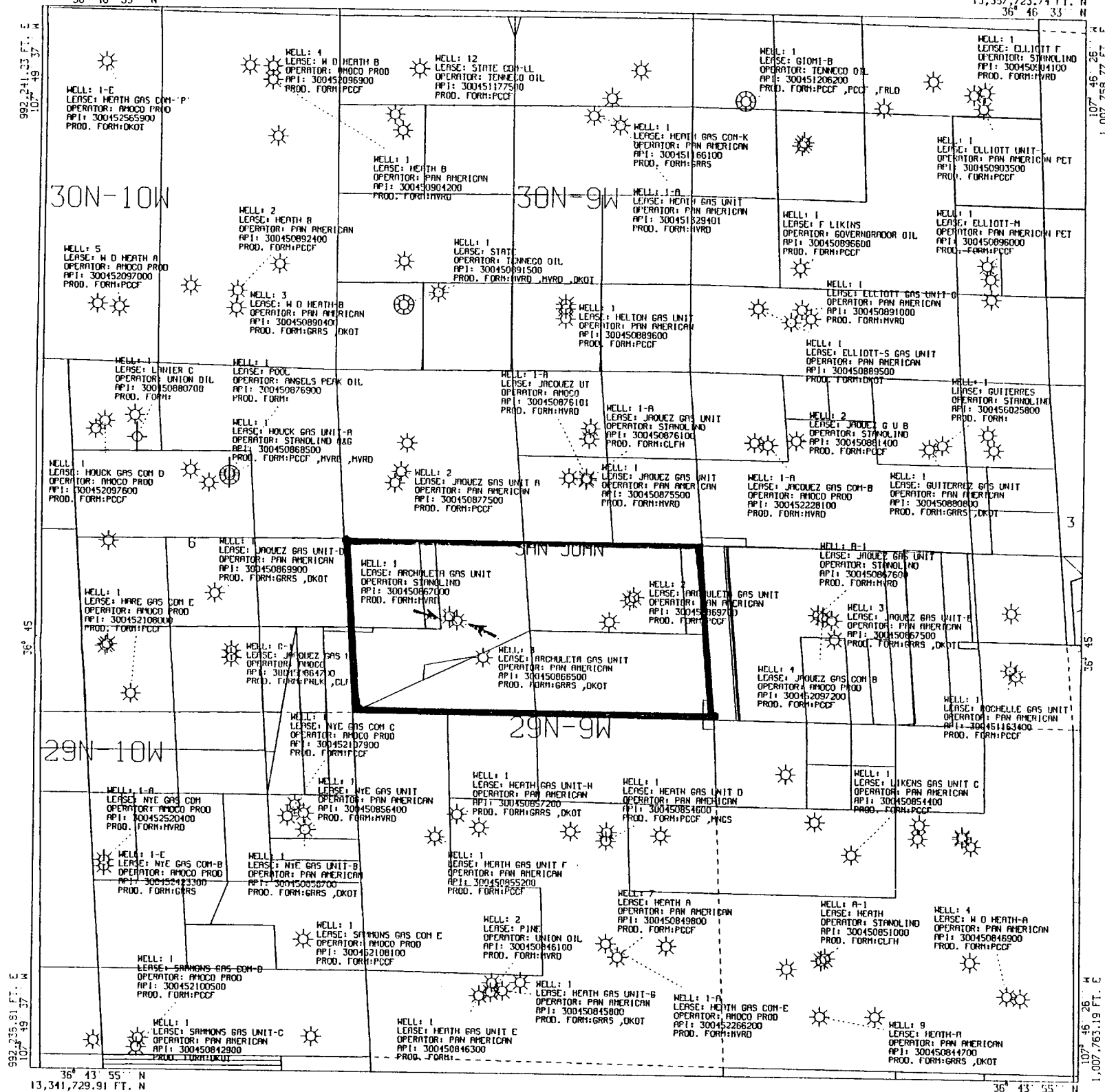
cc: Stan Kolodzie

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

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MAR - 9 1995

OIL CON. DIV.
DIST. 3

13,357,723.74 FT. N
36° 46' 33" N



AMOCO PRODUCTION COMPANY
PLAT MAP

ARCHULETA GAS COM A #1A & A #3
SAN JUAN COUNTY NEW MEXICO
SCALE 1 IN. = 1,500 FT. JUL 12, 1994

POLYCONIC CENTRAL MERIDIAN - 107° 48' 2" W LON
SPHEROID - 6

HORIZONTAL DATUM NAD27

Well Location and Acreage Dedication Plat

Section A.

Date MARCH 8, 1965

Operator PAN AMERICAN PETROLEUM CORPORATION Lease ARCHULETA GAS UNIT A
 Well No. 3 Unit Letter K Section 5 Township 29 NORTH Range 9 WEST NMPM
 Located 1450 Feet From the SOUTH Line, 1610 Feet From the WEST Line
 County SAN JUAN G. L. Elevation REPORT LATER Dedicated Acreage 320.51 Acres
 Name of Producing Formation DAKOTA Pool BASIN DAKOTA

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes X No 2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

RECEIVED
MAR - 9 1965

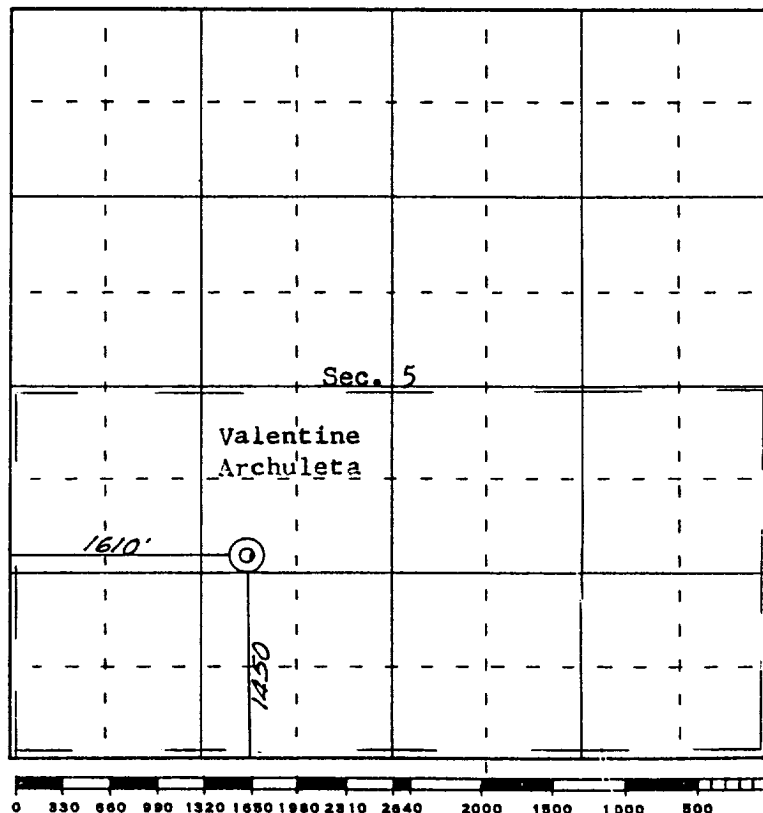
Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information
in Section A above is true and complete
to the best of my knowledge and belief.

PAN AMERICAN PETROLEUM CORP.F. H. Hollingsworth (Operator)F. H. Hollingsworth
(Representative)P. O. Box 480

(Address)

Farlington, New Mexico

Ref: GLO plat dated 2 July 1952

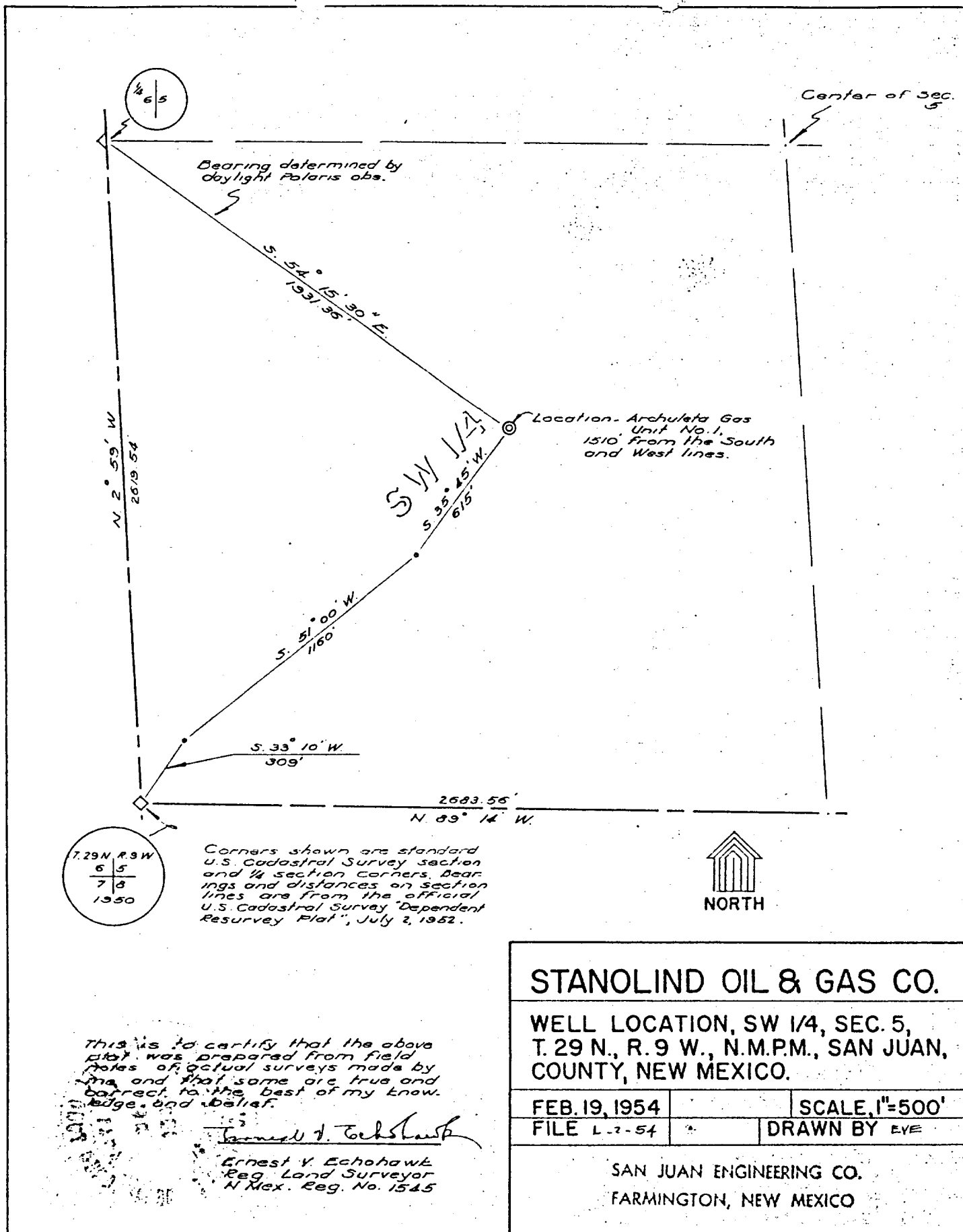
This is to certify that the above plat was prepared from field notes of actual surveys
made by me or under my supervision and that the same are true and correct to the best
of my knowledge and belief.

(Seal)

Date Surveyed March 4, 1965

Farlington, New Mexico

James P. Leese
Registered Professional Engineer and/or Land Surveyor



STANOLIND OIL & GAS CO.

WELL LOCATION, SW 1/4, SEC. 5,
T. 29 N., R. 9 W., N.M.P.M., SAN JUAN,
COUNTY, NEW MEXICO.

FEB. 19, 1954

SCALE, 1"=500'

FILE L-2-54

DRAWN BY EYE

SAN JUAN ENGINEERING CO.
FARMINGTON, NEW MEXICO

This is to certify that the above
plat was prepared from field
notes of actual surveys made by
me and that same are true and
correct to the best of my know-
ledge and belief.

Ernest V. Echohawk

Ernest V. Echohawk
Reg. Land Surveyor
N. Mex. Reg. No. 1545

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

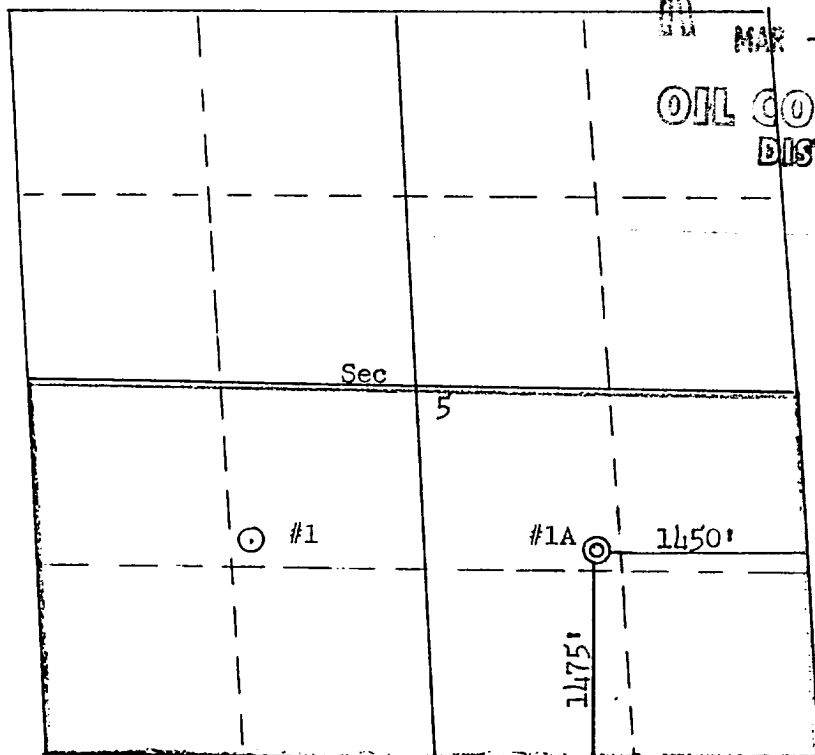
Operator Amoco Production Company			Lease Archuleta Gas Com A		Well No. 1A
Unit Letter J	Section 5	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: 1475 feet from the South line and 1450 feet from the East line					
Ground Level Elev: 5580	Producing Formation Mesa Verde		Pool Blanco Mesaverde	Dedicated Acreage: 320.51	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



RECEIVED
MAR - 9 1976
OIL CON. DIV.
DIST. 3

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

H. D. Montgomery
Name
H. D. Montgomery
Position
Area Engineer
Company
AMOCO PRODUCTION COMPANY
Date
December 20, 1976

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 13, 1976
Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No.
3050

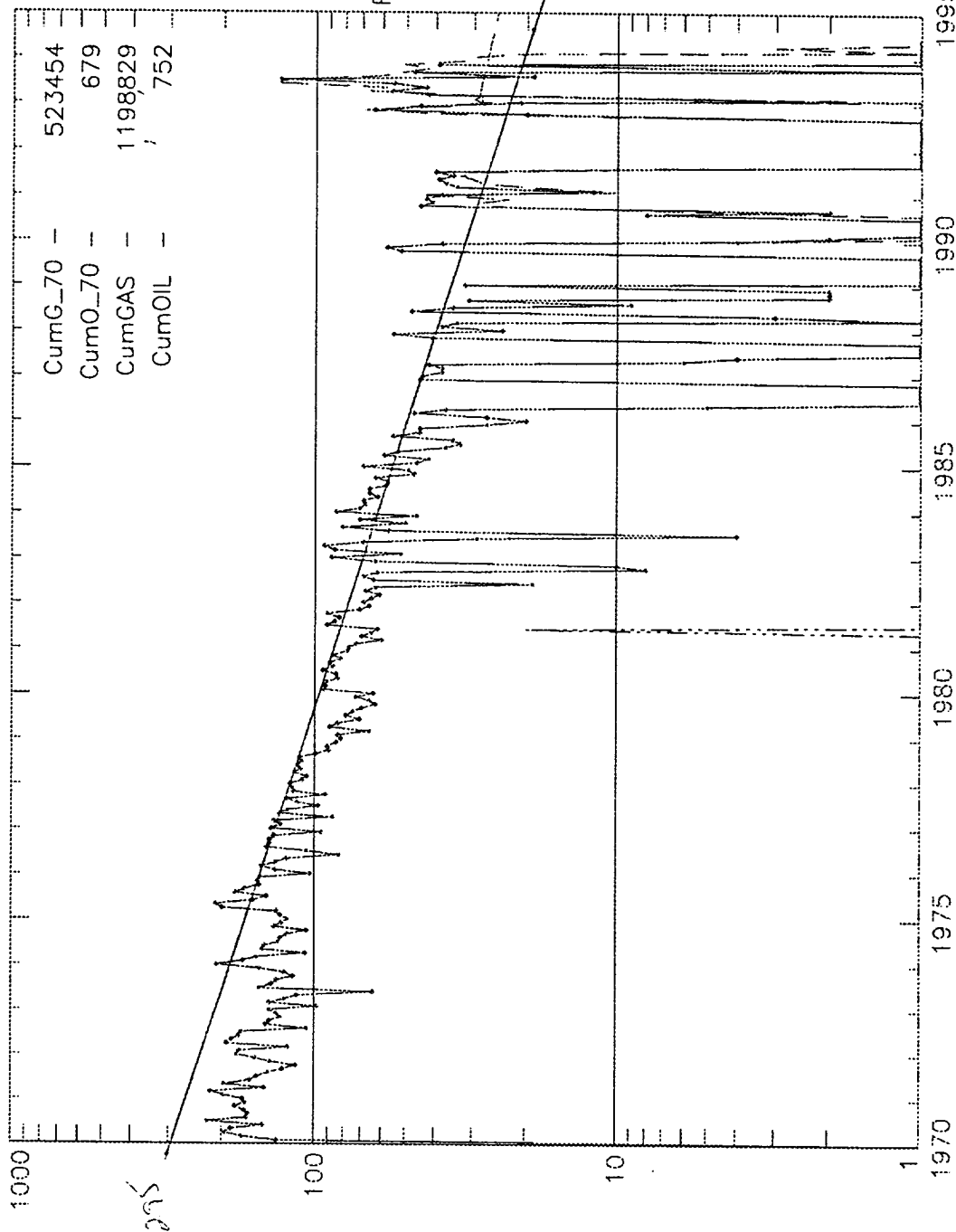
Engr: zmr14

ARCHULETA GAS COM A 3

Operator- AMOCO PRODUCTION CO

300450866500DK K052909-003 DK

APC_WI - 1.0000000

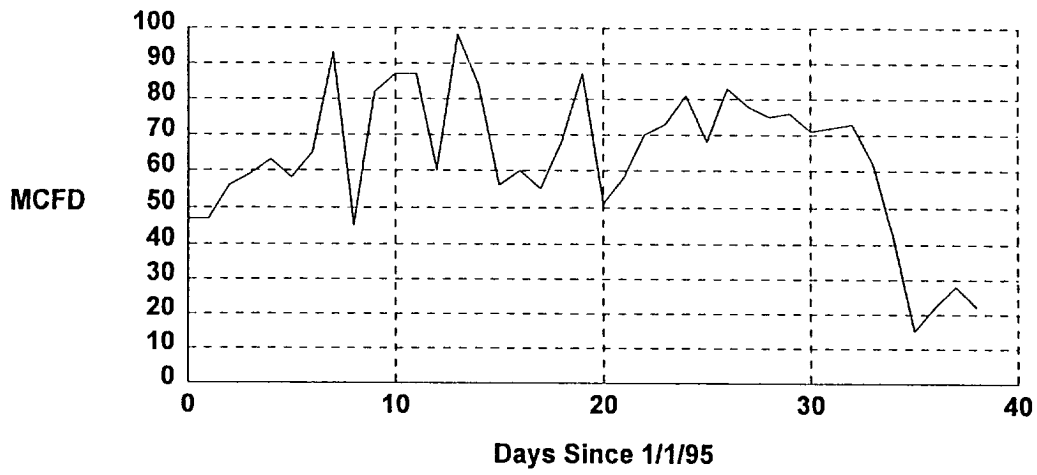


Curr_Fit
0.078
29
102948
1301777
1993 8

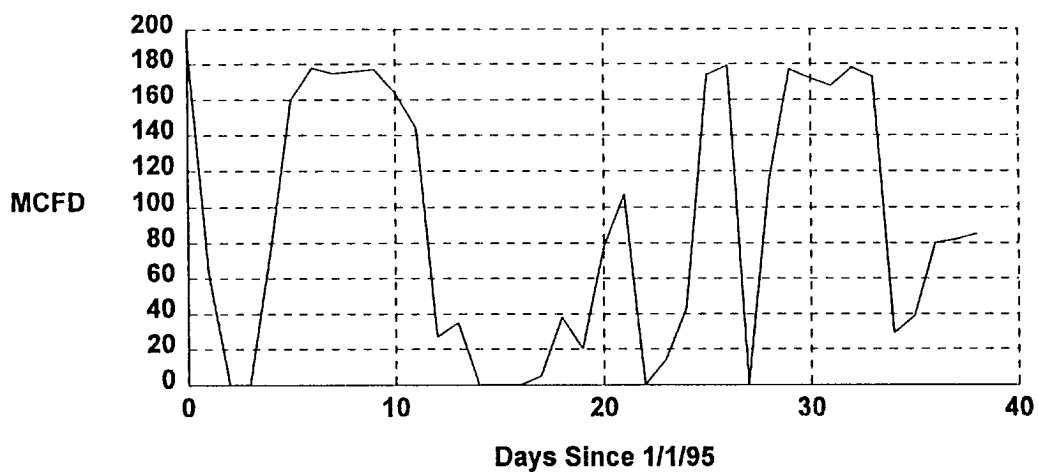
New_fit

$$D = \frac{1}{2} \left(\frac{1}{295} \right) = \frac{1}{590}$$

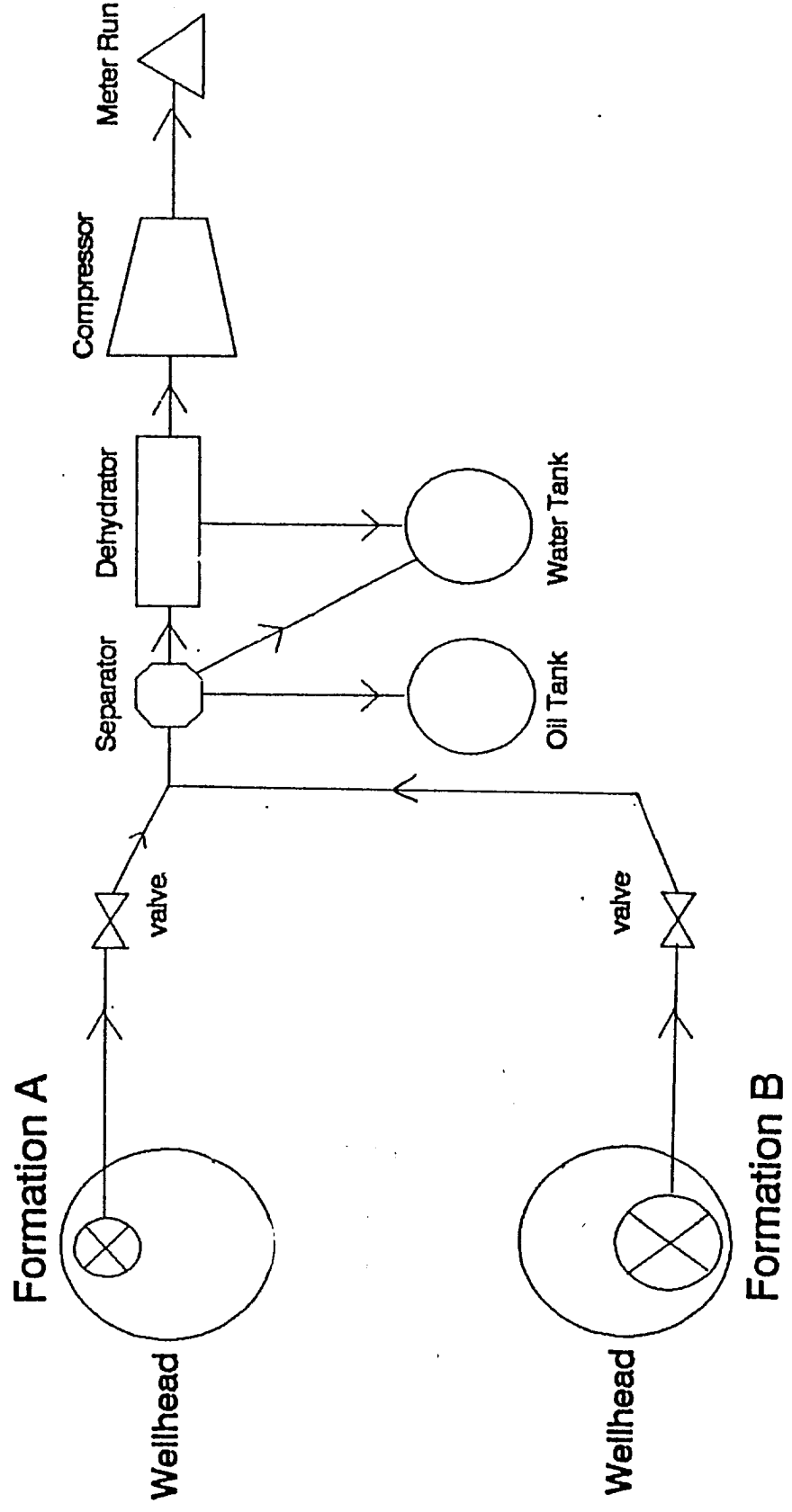
San Juan O.C.
WELL: ARCHULETA GC A 003-DK (93518101)
(Downtime excluded)



San Juan O.C.
WELL: ARCHULETA GC A 001-MV (92387902)
(Downtime excluded)



SURFACE COMMINGLE LOCATION DIAGRAM



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED
FEB - 9 1996

WELL API NO. 3004508665
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Archuleta Gas Com A
8. Well No. #3
9. Pool name or Wildcat Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Amoco Production Company Gail M. Jefferson, Rm 1295C
3. Address of Operator P. O. Box 800, Denver, Colo. 80201 (303) 830-6157	4. Well Location Unit Letter K : 1450 Feet From The South Line and 1610 Feet From The West Line Section 5 Township 29N Range 9W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Reperf ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MIRUSU 1/23/96. SICP 450#, SITP 370#, SIBH 0. Blow down. NDWH, NUBOP. Unseat hander and TIH tag fill at 6588'. Strap out of hole. Tbg was at 6480'. TIH w/bit and scraper. Tag sand at 6588'. Clean out to 6620' PBD and circ clean.

Perforated: 6479'-6487', 6506'-6510', 6556'-6588', w/2jspf, .340 inc diameter, 120 degree phasing, 12.5 grams, total 91 shots fired.

Flow to tank for 2 hrs. TIH w/2.375" production tubing and land at 6518'. SI for 2 hrs. SICP 370#. SITP 0. Mad 1 swab run recovered 2 BO, flowed for 4 hrs recovered 6 BO and wtr. FCP 180#, FTP 12#, RDMOSU 1/26/96.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 2/6/96
TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE FEB - 9 1996
CONDITIONS OF APPROVAL, IF ANY:

District I - (305) 393-6161
PO Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV

New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

**APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Amoco Production Company OGRID #: 000778

Address: P.O. Box 800, Denver, Colorado 80201

Contact Party: Patricia J. Archuleta Phone: (303) 830-5217

II. Name of Well: Archuleta Gas Com A #3 API #: 3004508665

Location of Well: Unit Letter K, 1450 Feet from the South line and 1610 Feet from the West line, Section 5, Township 29N, Range 9W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 1/23/96

Date Workover Procedures were Completed: 1/26/96

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

Basin Dakota

VII. AFFIDAVIT:

State of Colorado)

) ss.

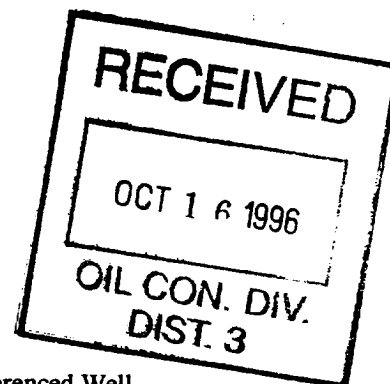
County of Denver)

Patricia J. Archuleta, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Pat Archuleta
(Name)

Clerk
(Title)



SUBSCRIBED AND SWORN TO before me this 10th day of October, 1996

April L. Cass
Notary Public



My Commission expires: 8/17/97

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 1/26, 1996.

318
District Supervisor, District 3
Oil Conservation Division

Date: 4/1/96

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: 10-18-96